

In the claims:

Please cancel claims 1 - 32 and add claims 33 – 46 as follows:

1 – 32. (Cancelled)

33. (New) In a portable wireless device that includes a sensor to capture image or audio data, a method comprising:

capturing audio in the device to provide an audio signal;

at least partially extracting a data from the captured audio from the audio signal;

wirelessly transferring the extracted data to a remote location; and

wirelessly receiving data corresponding to the extracted data from the remote location.

34. (New) The method of claim 33 wherein the data corresponding to the extracted data comprises a higher fidelity version of the audio.

35. (New) The method of claim 33 wherein the extracted data is obtained from a digital watermark steganographically embedded in the audio signal.

36. (New) The method of claim 33 which further includes indexing a database with reference to at least a portion of a digital watermark decoded from the audio signal to obtain information corresponding to the audio signal, and returning the information to the portable wireless device.

37. (New) The method of claim 36 which further includes indexing a database with reference to at least a portion of the decoded watermark to obtain a computer address corresponding thereto, and receiving content data from said computer address at a destination device.

38. (New) The method of claim 37 in which the destination device is co-located with the portable device.

39. (New) The method of claim 38 in which the destination device comprises the portable device.

40. (New) The method of claim 34 including:
substituting the higher fidelity version for at least a part of the captured data to create a new data object; and
rendering the new data object on an output device.

41. (New) In a portable wireless device that includes a sensor to capture image or audio data, a method comprising:
capturing image or audio data;
decoding steganographically embedded data from the captured data;
transferring the decoded data to a remote device; and
receiving data from the remote device based on the decoded data.

42. (New) The method of claim 41, wherein the digital audio device comprises a wireless telephone.

43. (New) The method of claim 41, wherein said transferring comprises wirelessly transferring.

44. (New) A wireless device comprising:
a wireless transmitter and receiver;
a sensor to capture image or audio data;
a steganographic decoder for discerning auxiliary data steganographically embedded in data received by the device, said transmitter for sending the auxiliary data to a remote device and receiving corresponding data from the remote device.

45. (New) The wireless device of claim 44, wherein said wireless device comprises a wireless telephone.

46. (New) The wireless device of claim 44, wherein said steganographic decoder comprises instructions executing on a processor.